

LAKEHEAD AMATEUR RADIO CLUB BULLETIN

MEETING OCTOBER 9,8:00pm.

The first meeting under the new executive will take place this week. Yhere are a lot of things happening this year so your attendance will be most welcome.

Lot of activity in the area with club members getting busy again with the antennas before the snow flies. Les VE3-JAJ, who thought his antennas were up for the winter had another surprise when he saw that a hit and run driver had managed to put a little bend in the bottom section of the tower. Bill VE3-XJ had his neighbours all in smiles when he took af of his antennas down until they found out that he was'n moving just getting bigger and better antennas. Right now the holes are dug and ecvept for the diving board, they make great pools, or by the time this bulletin gets to you... skating rinks. Phil VE3-AXL finally got hydro to his new QTH and should be moving in shortly.

Ron VE3-KRJ went on a 1000 mile wild goose chase in search of a new tranceiver. Latest report is that he is still looking while on the air with a borrowed TS-520 and even a QRP rig. New antenna height is also planned. Les VE3-AYZ got rif of his old HF rig and is the proud owner of a TS-820. John VE3-HTM has a new QTH, and eyeing the very high church steeple a short distance away for an antenna perch. This is also the reason that the phone patch is unavailable for use as it is still in boxes. VE3-LMT has a Kenwood 7800. Bob has neen getting into a lot of repeaters from his mobile and high high location on Lakeshore Drive. A new 11 element beam and base power supply should really help to get into those US sepeaters.

Dave VE3-KRY has a new Yaesu 207 with external mike and operating 'mobile' while sitting!!!!!!! Dave also has another QRP rig to keeps dads company. Elevators sure must way well. Vlad VE3-KRV has a multi element quad up his new tower sprouting supports at all angles, and some angles in between. John VE3-EFA finally has a rotator for his heam along with a new 2 meter handi talkie to match those of Bill VE3-KJ and VE3-EEW. Dianne VE3-JAW and Vic VE3-JAR are operating mobile HF with a Kenwood TS-120. Jim VE3-HCM is new in town and on 2 meters. Don VE3-EDT got his old call back after a long period and has a tranceiver set to go for HF.

THE PREZ SEZ

I would like to take this opportunity to welcome each of you to the 1980 - 1981 season of the L.A.R.C. Inc.

We appreciate the work of the previous executive for a job well done and hope that we as the new executive, will continue to provide even more interesting and exciting events.

To get the ball rolling so to speak, the entire executive met Sept. 19, 1980 to plan the general course of action for the club. Many of these ideas will be presented to you over the next few months so plan on attending the meeting to voice your opinion. One of the immediate steps taken was to appoint volunteers to chair the various positions in the club. The list of Directors and their respective positions will be found elsewhere in this issue of HI - Q.

Your executive and board of directors are enthusiastic about this coming year and we have set a few goals such as: Changin g the meeting format slighlty, Special events at each monthly meeting.

Increase membership and improve membership participation in meetings.

There are a number of other items which will be presented shortly for your consideration.

The LARC has a very broad base from which to draw for just about every event. We should strive to make use of each of the talents available to us to make THE CLUB a worthwile organization to belong to. The club functions best with ALL members participating. The executive will not do all the organizing of committees and the work. If the membership do not wish to participate and assist in specific projects, then maybe those projects should be dropped from club activities. Think about it!

Have a good year and enjoy the HOBBY. Tolerate the other guy even though he may be "just a DX'er" or "contester" or "traffic Ian iler" or whatever. Thats what makes the hobby so interesting to many many people around the world. Who knows, that other fellow just might be able to help you solve that TVI problem or help you put up your antenna.

See you at the meeting, 73, Bob VE3IDJ.

Lakehead Amateur Radio Club History Project

HI - Q, published monthly (Sept. thru June) is the voice of The Lakehead Amateur Radio Club Inc.. Thunder Bay.

Items appearing in HI - Q may be reprinted providing the source is acknowledged.

The club executive and directors for 1980 - 1981 are:

Premident:	Bob Mitchell, V	VE3IDJ		767 - 6541
Vice-Pres :	Vic Loewen, V	VE 3JAR		3345 - 7217
Sect-Treas:	Glenn Anderson	, VE 3JAU		577 - 1571
Directors :	Dianne Loewen,	VE 3JAW		345 - 7217
	Vic Bell	VE SECV	• • • • • • • •	577 - 3429
	Ed Kucbel	VE 3KRP	• • • • • • •	622- 8735
	Tom Haavisto	VE 3EEW		767 - 1453
•				
Editor HI -	Q Mike Wolowich	VE 3HZW		577 - 5006
Asst. Edito:	r Bob Bishop	VE 3JAB		767 - 5689

Committees and others:

Club Station Manager, Vic Bell, VE3ECV
Thunder Bay Award Manager, Dianne Loewen, VE3JAW
Membership Chairman, Ed Kucbel, VE3KRP
Social Chaimen, Vic Loewen VE3JAR and Bill Unger, VE3EFC
Emergency Co-ordinator:
Publicity Chairman, Mike Wolowich, VE3HZW
AMATEUR class co-ordinator:

Please contact any of the above for specific information pertaining to their responsibilities.

CMA?

Marketh Lon Concount So 1980 -- Linking

- 1.) Minutes of September meeting as per HI Q
- 2). Financial report
- 3). Correspondence
- 4). Committee reports

Thunder Bay awards Social committee

- 5). Business arising from the minutes.
- 6). Old Business

Constitution - Discussion on PROPOSED constitution to be held in NOVEMBER

Selection of emergency Co-ordinator

·Volunteers for Scout Jamboree

Club station

Assistance for White Caners operating in the city!

7). New business

Club special project suggesti ns Christmas message co-ordinator Santa Claus (via two meters)

Amateur Radio Classes - Instructors required.

8) Round table

9) Demonstration of Slow Scan Television.

10 Adjournment.

CORN ROAST

On eptember 20, about 24 members of the LARC met at Petersons Campgrounds at Pass Lake, about 25 miles east of Th. Bay, for a CORN ROAST.

We did manage to get a fire going (after burning most of Saturdays Paper) after several tries and had a dandy blaze going for the rest of the night. Before the evening was over 5 dozen corn, polish sausage and buns were gone.

After a rotten week of rain and cold the weather cleared and provided a great night for the roast.

A thanks to Mike VE3ZG for the offer of his camp for the corn roast originally, and to Lind, KRW who helped organize the roast at pPass Lake.

If you were there hope you had a great time, if not, maybe the next time.

Bill, VESEFC

Thanks to Bill for organizing the social, once again things worked out great. Ed.

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VE3-HJS BITES THE DUST

On September 6, 1980 at 2000% (approximately), Gary, VE3-HJS became a silent microphone, (I would say silent-key but he forgot CW). Fortunathly, he is still alive and kicking, but his ex-YL who is now his XYL will make sure he is never heard on the bands again. Oh well, another DX'er bites the dust, ala 'HNQ. Remember him? Rumour has it that he has been hamming it up at work on 2 meters. Maybe there is still hope for him. Maybe when someday Corol is busy with the four harmonics (future plans) Gary will be able to dust off the rig, and get back on HF.

Congrats, and we hope to hear from you soon....maybe when the first ham-harmonic arrives?

Tom VE3-EEW

THUNDER BAY AWARD

As in the past ten years, the award still is being offered. Many thanks to Ken, VE3-EFZ for handling the task of awards manager over the past few years.

After picking up the records and blank awards from Ken, I then discovered that 422 of the 500 awards printed have been issued. That only leaves 78 which could go fairly quickly. It was discussed amonh the new executive at our first meeting, that the Thunder Bay Award deserves a new look, which could be done at its next printing.

The general membership is invited to submit any suggestions or sample designs for the 'new look' to myself or Vic VE3-JAR. Thanks.

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Dianne, VE3-JAW

Thunder Bay Awards Manager

MORE ORM

LOOKING FOR: The new executive is looking for keys to the EMO building and radio room. Several have been given out in the past year. Please return them so the executive can decide if there are enough for this year.

MEETING KENORA FRIENDS

On September 20, Dianne, VE3-JAW and myself, VE3-JAR headed for The Kenora area for a weekend away from Thunder Bay. Equipped with 2 meter and HF mobile rigs, we were never without hams to chat with on the road. Upon reaching the range of the Kenora's new repeater, 146143 - 147.03, we heard VE3-JJY, Lloyd calling us, and it felt nice to be expected. Once in transmitting range with the repeater, we found the Kenora anateurs very friendly and an active group.

First stop in town was at VE3-JJH, John's place, and talked with him and Lloyd, who was over there waiting for us to arrive. John had been busy with his Gem-Quad which was down for repairs. We then went with Lloyd and John to VE3-JJL, Don's place so Lloyd could try out our Kenwood TS-820, which he purchased from us. Thanks to Dom for the use of his ham shack and satenna system, an ATB-34. He is presently constructing an auto patch for the Kenora repeater. The repeater has its quiet moments with only a small group in the amaterur ranks, but can be fairly active when the gang gets going.

Nice to hear Phil, VE3-JJF and two American fishermen with 'W' calls from Minake. Also Dale, VE3-EFY was heard travelling the back roads of the Lake of The Woods area. Next time Dale we'll knock on your door, as we did to Bill, VE3-APM. Bill was wondering if I would ever find his place. I had an idea where it was, and Bill and Don were keeping track of my progress, but as I did not show up, I had them lost, but I knew where I was Hi HI. When I finally got there, I spent a couple of hours at Bill's shack, even getting to work some DX in Captain Morgan's chair.

We had not spent much time in Kenora before, and found it a very pleasant area with lots of friendly people. Upon leaving the city on Sunday morning bloyd, VE3-JJY asked if we would stop at his residence which is about 18 miles east of Kenora for lunch. Upon finding the dock on Sum Loke, bloyd was waiting for us, and took us across the lake to his lovely amateur dream place. Awau from the noise and QRM (locals) bloyd and Mae live thereyear round beside the lake shore in a very comfortable house complete with hydro and a 70 foot plus tower with a TA-33. After helping with some of the antenna work and a very nice lunch and a visit, we headed back for Thunder Boy.

Thanks Kenora amateurs? Sorry we didn't meet or talk to more, but next time,

A very enjoyable weekend!;

Vie VE3-JAR

FOR SALE Collins KWS-I and Atlas 210.....Louri VE3-BCD

FOR SALE TELETYPE GEAR complete with perf stuff...Bob VE3-IDJ 767-6541

THE DULUTH REPEATER

If you travel at all in your mobile, probably you have ventured as far south as Duluth. You probably also noticed that they have several repeaters in the area. One of the better ones is the new improved 34-94 machine. It is quite active as we heard this summer and has better quality and range than we recall from other years trips. They also have a sunday net that welcomes checkins from all at 9:00 p.m.

One of the most impressive features of the machine is the new auto patch and control system. Some of the features are as follows.

AUTODIAL. A single three digit access code gets hold of special emergency numbers in Duluth or Superior

REDIAL. Whenever a number is called in auto patch, the number is temporarily stored so that you can redial using a three digit 'redial' number. This activated both the autopatch and the number and saves a lot of button pushing. The number is stored for only 20 minutes.

TOUCH TONE TESTS. Similar to the one set up here by VE3-HTM, but it tests one row at a time.

TIMER. Maximum is three minutes, but this is extended to 10 minutes in the AUTODIAL use so that one rgency situations will get the: longer time they probably require.

TAIL MESSAGES. In morse code at the end signifies such varied situations such as, power failure, emergency power, commercial power, QSl that command is received, transmission timeout limit exceeded, and others.

KERCHUNK SUPRESSION. Any short burst of input signal will shut the repeater down. Repeated bursts will only keep it shut down longer; If no audio on an incoming signal, the transmitter will shut down.

This is not the only features that this repeater has but those I think might interest you the most. A lot of credit should be given to the Duluth hams for such a fine set up. As far as I know they are Larry WAØ-AFO, Pete AFØ-Q, and Ray WD9-EAS.

All information is from the ARROWHEAD RADIO AMATEUR CLUB.

MORE EVENTS ... MAYBE. LETS HOPE

On the Intest reports, the corn roast and the harbour cruise were a lot of fun. Sorry I missed them both.

In the up coming year, we should try and put more emphasis on our social activities. A few suggestions such as:

more picnics, corn roasts some baseball games with families billiards (pool tournaments) a skiing auting a day of fishing

There are many impromtu get togethers that can be enjoyable. Lets hear your ideas and comments.......YiCiYF3 Committe Chairman

WANTED FOR SALE ... SWAP.

We would like to expand on this in future issues. There are a lot of people looking for gear and a lot selling. This is a good way to get the two together. In this months case, the items are fewer in number since we got customer and buyer together before the issue ever got typed. Give us a gall in 2 meters or at home 577-5006 anytime for a listing. Remember its free.

FOR SALE: one Multi 7 2 meter tranceirver. One 40 watt linear amp for VHF use. One Heathkit mike with phone mtch.

Call Arnold VE3-JAA (we won't even mention that all of these items have beeb 'smoke tested')

FOR SALE: Dave VE3-AVS has beeb authorized to advertise the following items from the estate of VE3-AHC.

Halkicrafters receiver model SX-110, 550 to 30 mhs general coverage with band spread on amateur bands 80 thru 10.

In excellent condidtion.

Hallicrafters model SX-62 general coverage receiver 550khz to 108 mhz in six bands, requires work on some bands.

Heath DX-40 transmitter in reasonable condition and presumed working.

Heath DX-100 transmitter completer with VF-1 VFO in same condition as above DX-40. manuals available with each transmitter.

Miscellaneous items: field strength (Heath), headphones, speakers, spare tubes.

Because this is an estate sale, I will consider all offers made. Contact Dave Kimpton VE3-AVS, 344-8949 after 6 p.m. Leave a number if not a home. Cheques accepted.

FOR SALE: Cushcraft 4 element tri-band beam ATB-4
Heathkit model SB-614 monitor scope.
Heathkit Model HD-15 phone patch.
Contact Viv VE3-JAR @ 345-7217.

FOR SALE Light duty TV tower and heavy duty tv rotor. Swan tranceiver for sale, 700watts PEP output. Vlad VE3-KRV.

WANTED About a 50 to 100 linear for HF by Vic VE3-ECV

FOR SALE a 7 feot parabolic dish antenna for UHF-TV. Very good shape as its never been used. Bob VE3-IDJ @ 767-6541

WANTED TRANCEIVERS BY AMATEURS EITHER JUST GETTING INTO HAM RADIO OF GETTING B ACK INTO HAM RADIO.

I keep getting phone calls if I know where they are for sale. Call VE3-HZW, editor of HI-Q for a listing.

P.S. If you think there are spelling errors in this issue now, you should see it botakehead Amateur Radio Chub History Project

PROPAGATION FORECAST via RTTY ARRL bulletins

The solar flux was droppin as this went to press but the next peak should come in early October. A low near the middle of the month would then be followed by another peak at the end of the month. This could be high enough to bring some F layer DX on 50 mhz.

The MUF is already going above 40 mhz on peak days, so conditions on 28 mhz are very good, except when geomagnetic distubances increase absorption on high latitude paths. The best HF DX will come about October 5 to 9. A strong aurora on September 13 indicates the likelihood of a major disturbance around October 10.

CRRL BULLETIN....A third party traffic agreement, effective immediatly has been signed between Paraguay and Canada. (Sept #0)

MORE USA DEREGULATION

The FCC in the United States has proposed dropping the Commercial First Class Radiotelephone Operator license in general docket. The reasoning is that stations should not be required to employ technicians who have been examined and licensed by the commission. Rather they should be able to employ any qualified person, since the station is ultimately responsible for the technical performance as ountlined in their individual license.

.....ARRL RTTY bulletin

FOR SALE: A remote VFO model 8010, digital to match a Uniden 2020. Only used a few times. Call Bill Sweezy at 622-4955 as the asking price is only \$75.

For SALE: Yaesu FT-2FB 2 meter rig complete with xtals, a spare final and relay. Dave VE3-KRY is asking \$200. 577-3429

Steve VE3-DP has a Dentron MLA-2500 for sale, with less than 5 hours use and asking \$1000. Call 345-6160. VE3-XJ has mentioned that despite the fact he failed to close the antenna season due to his forgetfulness, that upon the first sight of snow (From Walt ERX) he will declare the antenna season once again open. hand in there its coming. Ed VE3-KRP finally found his KIM in the mail and now has pictures, well letters anyway on the monitor. In the back yard, Ed has a new tower and beam for chasing DX. A star is born. Bob VE3-IDJ was monitoring slow scan when he heard a CQ. It was N2-NY in New York, and thay were involved in a TV program on ham radio airing on cable TV. Bob was interviewed via radio, sent tham some pictures from Thunder Bay right into the New York homes. Bob VE3-JAY is fight ing both the neighbours and officials to stay on the air. Tom VE3-EEW is planning more arrays on his mini lot while Ray VE3-EDZ is just watching TV, and J.C. is moving to a new QTH. Bert VE3-BSS has given up the call. Dan VE3-KRO is putting a flag pole on his tower to fly the Canada Games and Thunder Bay flags. Jim VE3-EDC is expanding his antenna farm to creat that super contest station. Jim VE3-EEG broke his arm while sole sailing and just made it back home. Lots of flack in the Churchill Drive area.

Lakehead Amateur Radio Club History Project

JAMboree on the air

DATE: October 18, 19, 1980

OBJECT: Participating Amateurs will invite groups of Scouts to their HAM shacks and permit the boys to exchange information about their scout troop and hobbies etc with other scouts around the world.

TIME: One or two hours on saturday and or Sunday.

GROUP SIZE: 3 or 4 boys plus a scout leader at a time.

If you wish to participate in this event please let Bob, VE3IDJ know as soon as possible. Indicate the day(s) and time(s) available. This is a good way to get publiciaty for the club.

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CHRISTMAS MESSAGE PROGRAM CO ORDINATOR

We need a volunteer to organize and co - ordinate this event. The executive suggest the following format:

- Message pads, with instructions on how to complete, to be given to the individual in charge at each of the locations.
- 2. The completed forms to be picked up and hand delivered to those amateurs for passing on the HF bands.
- 3. Messages should be put on the HF bands the week of Nov. 24.
- 4. HF stations be available to receive incoming messages by monitoring the evening nets.

This program has been a great success every year. It is a short time committment. How about volunteering as the co-ordinator?

The 1981 edition of the ARRL handbook is well under way. This edition will contain 640 pages, 64 more than last year.

HAMMOND Communications has introduced their NEW Hammond HL - 2000 Linear amplifier. Thay will also be manufacturing a smaller HL - 1000 amplifier, antenna tuners and lowpass filters. For information write: Hammond Communications Division, 394 Edinburgh Rd., Guelph Ont. N1H 1E5 Lakehead Amateur Radio Club History Project

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The following is a proposed Constitution of the L.A.R.C. Inc. It is published in this month's HI-Q for information and comment by the general membership. This proposal will not be discussed at the October meeting.

If you have any comments please forward, in writing, to the Constitution review committee chairmen, Jim VE3 KRD, Bob VE3 JAB or Bob VE3 IDJ at least 10 days before the November meeting.

. We would like to discuss the Constitution and approve it at the November general meeting.

CONSTITUTION

LAKEHEAD AMATEUR RADIO CLUB INC.

ARTICLE 1: MEMBERSHIP

A. Full Membership

Only individuals holding an Amateur or Commercial certificate of proficiency as issued by the Department of Communications shall be eligible for full membership.

B. Associate Membership

An associate membership upon approval of the executive shall only be available to:

- 1) Persons not holding a valid certificate of proficiency in radio but who show a genuine interest in Amateur Radio.
- 2) Licensed Amateurs who, by location (non-resident) or occupation, are unable to attend regular meetings of the Lakehead Amateur Radio Club Inc.

C. Special Membership

The executive will be empowered to make recommendations to the club for the following membership classifications:

- 1) Life Membership: Awarded to licensed Amateurs who have shown a continuous active interest in the affairs of the club, and amateur radio activity in this area. Those members shall have full priveledges and are exempt from annual club dues.
- 2) Senate: The purpose of the Senate shall be to provide guidance and advice to the club, at their discretion. Any recommendations developed will be tabled at any regular meeting of the executive. The SENATE is limited to those holding the status of life membership in the club.
- 3) Honorary Membership: To be awarded to individuals or groups who have provided active support to the club or Amateur Radio activities in this area. Those members will have no club priveledges.

ARTICLE 2: DUES

Each member shall be required to pay the fees as presented under Bylaw No. 1.

ARTICLE 3: MEETINGS

- A. Regular meetings shall be held from September through June.
- B. The President or Vice-President may call a meeting at any time, providing the membership is duly notified.
- C. At the request of ten (10) members the President or Vice-President shall call a meeing.
- D. Only full and life members shall have the right to vote.
- E. No full or life member shall have more than one(1) vote on any motion. There shall be no voting by proxy.
- F. The annual meeting shall be held during the month of February.

ARTICLE 4: ELECTION OF OFFICERS

- A. Officers shall be elected annually and serve from day of election until their successors are elected or appointed.
- B. There shall be an elected executive consisting of: President, Vice-President, Secretary-Treasurer, Editor of club bulletin, and four (4) Directors.
- C. Nomination of officers shall take place at the September meeting. Only full and life members will be elegible for nomination.
- D. Election of officers shall take place at the October general meeting.
- E, All Elected officers who have not paid their dues by the following meeting shall be suspended from office.
- F. Elections shall be held at any regular general meeting to fill an executive vacancy.
- G. Elections shall be by secret ballot and will be carried out by the chairman of the nominating committee.

ARTICLE 5: DUTIES OF OFFICERS

- A. It shall be the duty of the executive to conduct the business of the corporation between meetings, subject to ratification of the membership.
 - B. It shall be the duty of the President to preside at meetings, general or executive. He shall be a member ex officio of all committees. The President shall perform such other duties as are necessary to the proper conduct of his office. The President or his designate, shall be the only authorized spokesman for the corporation.
 - C. It shall be the duty of the Vice-President to perform the duties of the President in the absence or disability of the President, and to perform such duties which the President may delegate.
 - D. It shall be the duty of the Sec-Treas. to:
 - 1) Record and present the minutes of meetings.
 - 2) Record and present all financial transactions of the corporation.
 - 3) Prepare and present an audited financial statement at the October meeting, prior to the election of officers.

- D. Sec-Treas. duties cont.
 - 4) Be chairman of the finance committee.
 - 5) Perform such other duties as designated by the executive.
- E. It shall be the duty of the President and Sec.-Treas. to authorize all expenditures on behalf of the corporation. Expenditures exceeding the limits as stated in the bylaws must be authorized at a general meeting.

ARTICLE 6: COMMITTEES

- A. The Emergency Co-ordinator shall be selected from the Full membership by the executive.
- B. The chairman of the nominating committee and two (2) members shall be appointed by the executive at the May general meeting.
- C. Committee chairmen and conveners shall be appointed by the executive.
- D. The executive shall appoint a club station manager.

ARTICLE 7: BYLAWS AND AMENDMENTS

- A. Bylaws and/or amendments must be presented in writing at a general or apecial meeting.
- B. Such proposed Bylaws and/or amendments may be considered at any regular meeting of which the membership has been duly notified.
- C. Bylaws require an affirmitive vote of the majority of members present.
- D. Amendments to the Constitution require an affirmitive vote of two-thirds (2/3) of the members present at a general meeting.
- E. A quorum shall consist of 25% of the voting members (full and life members).

BYLAWS

1. DUES

- A) The annual fee for full membership shall be Ten Dollars(\$10.00)
- B) The annual fee for associate membership shall be \$5.00.
- C) The annual fee for family membership shall be Twelve (\$12.00)

2. EXPENDITURES

Expenditures exceeding twenty-five (\$25.00) must be authorized by an affirmitive vote of the majority of members present at a general meeting.

3. CLUB STATION OPERATION

Club equipment shall be operated only by club members or others authorized by the station manager. The rules governing the operation of the station shall be posted at the station.

4. MEETING FORMAT

The President shall provide a written agenda prior to the beginning of each general, special and annual meeting. The agenda shall be in the following format:

- a). Minutes of the last general, special or annual meeting.
- .b) Treasurer's report.
- c) Correspondence.
- d) Committee Reports.
- e) Business arising from the minutes.
- f) Old business.
- g) New business.
- h) other (special presentation, etc.)

5. AGENDA ITEMS

Items not of an emergent nature must be in the hands of the President at least ten days prior to the general meeting.

- 6. The meetings shall be conducted according to Parliamentary Procedure using Robert's Rules of order as a guideline.
- 7. Rules of order may be temporarily suspended by a majority vote of members present.